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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/526,161	08/08/2005	Robert Giehrl	30051/41004	6490
4743	7590	03/26/2010	EXAMINER	
MARSHALL, GERSTEIN & BORUN LLP			STEVENS, THOMAS H	
233 SOUTH WACKER DRIVE				
6300 WILLIS TOWER			ART UNIT	PAPER NUMBER
CHICAGO, IL 60606-6357			2121	
			MAIL DATE	DELIVERY MODE
			03/26/2010	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Supplemental Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/526,161	GIEHRL ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	THOMAS H. STEVENS	2121	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1.  This communication is responsive to the amendment filed 12/21/2009.
2.  The allowed claim(s) is/are 1-9 and 13-20.
3.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a)  All    b)  Some\*    c)  None    of the:
    1.  Certified copies of the priority documents have been received.
    2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3.  Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5.  CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a)  including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1)  hereto or 2)  to Paper No./Mail Date \_\_\_\_\_.
  - (b)  including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1.  Notice of References Cited (PTO-892)
2.  Notice of Draftsperson's Patent Drawing Review (PTO-948)
3.  Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4.  Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5.  Notice of Informal Patent Application
6.  Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7.  Examiner's Amendment/Comment
8.  Examiner's Statement of Reasons for Allowance
9.  Other \_\_\_\_\_.

/Albert DeCady/  
Supervisory Patent Examiner, Art Unit 2121

## **DETAILED ACTION**

1. Claims 1-9,13-23 were examined.
2. Claims 1-9, 13-20 were allowed.
3. Claim 10-12 and 21-23 were cancelled.

### ***Examiner's Amendment***

4. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Jeremy Protas (Reg. #61,681), on, 3/15/10.

- Claim 1, line 3, -- the -- , was changed to -- a machine controlled -- .
- Claim 1, line 7, --the system -- , was changed to -- a machine controlled system - - .
- Claim 2, line 4, --the system -- , was changed to -- a machine controlled system -- .
- Claim 6, line 3, -- for the --, was changed to -- for a -- .
- Claim 15, line 1, -- Claim 5 -- was changed -- Claim 14 -- .
- Claims 21-23 were deleted.

***Reasons for Allowance***

4. The following is an examiner's statement of reasons for allowance are considered allowable since when reading the claims in light of the specification, as per MPEP § 2111.01, In re Sneed, 710 F.2d 1544, 1548, 218 USPQ 385 (Fed. Cir. 1983). While the prior art of record discloses receiving status data (figure 3 with paragraph 0037) for at least one element of the system, which represent at least one physical state variable (pg. 6, paragraph 0027); representing the status data which have been received for the element; representing a circuit diagram, (figures 6 and 7 with pg. 7, paragraph 0031) which displays, at least for the element, an electrical connection of the element to other individual elements in the system; where the representation of the status data which have been received for the element occurs(figure 4, paragraph 0026) in the represented circuit diagram. Furthermore, none of the references of record alone or in combination disclose or suggest the combination of limitations specified in the independent claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

***Conclusion***

5. The prior art made of record and not relied upon is considered pertinent to applicants' disclosure:

- US 20050149311 discloses systems and methods for efficiently simulating analog behavior of designs.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mr. Tom Stevens whose telephone number is 571-272-3715.

If attempts to reach the examiner by telephone are unsuccessful, please contact examiner's supervisor Mr. Albert Decay (571-272-3819). The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov..> Answers to questions regarding access to the Private PAIR system, contact the Electronic Business Center (EBC) (toll-free (866-217-9197)).

/Thomas H. Stevens/  
Examiner, Art Unit 2121  
/Albert DeCady/

